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TECH NEWS



VOL. 20

WORCESTER, MASS., JAN. 22, 1929

NO. 12

TECH SWIMMING TEAM WINS MEET WITH B. U. BY ONE-SIDED SCORE

Lack of Competition Occasions Slow Times and Prevents the Breaking of Records

ENGINEERS WIN EVERY FIRST AND SECOND PLACE TO SCORE 56-0 DEFEAT OVER VISITORS

The Tech swimmers, in defeating the Boston University swimmers by a score of 56-0, began what turned out to be a very successful day for the Institute's athletic teams. Captain Larson and his team-mates succeeded in capturing every first and second place, with the exception of the relay in which only two places were awarded and only one team from Tech and B. U. entered. Boston U.'s team had to be satisfied with the smallest possible score in every event.

The one-sided outcome was evident from the first event, in which Holcombe and Rogers placed first and second respectively. Throughout the remainder of the meet competition was negligible, and as a result the times were for the most part slow and no records were broken or equalled.

Joe Rogers and Ray Holcombe were the high scorers of the meet, each winning a first and a second place in addition to swimming on the winning relay team; a total of ten points for each. Ray, in winning the 40-yard free style, was closely followed by Rogers.

(Continued on Page 3, Col. 2)

GOV'T GIVES RIFLE CLUB SIX NEW RIFLES

Team Loses to De Pauw, 1702-1653

For the first time since its opening, the rifle club was able to obtain six new Winchester rifles from the government for the college range. This was made possible by the able assistance of Manager Sorenson and Professor Merriam of the Mechanical Engineering Department. It is hoped that the guns will be ready for use shortly after mid-year examinations. Concentric sights are now being put on the rifles.

These new rifles are considered the best by the government for target shooting, and undoubtedly members of the rifle team will benefit much by having them. The team members will therefore take every opportunity to better their scores when using them in shooting their matches.

Last week the Tech rifle team shot against De Pauw College and was on the short end of a 1702-1653 score, in the short end of a 1702-1653 score, in a four position match, which included the prone, sitting, kneeling, and standing positions. Captain Galowicz led his team-mates for the first time this season piling up a score of 346 points, which was scarcely less than a ten point lead. Dermont, who has recently been leading the Tech marksmen fell to a second place in that match.

The N. R. A. matches are scheduled very soon after mid-year examinations, and as Freshmen are ineligible to com-

(Continued on Page 2, Col. 3)

TECH NEWS ASSOCIATION HOLDS MONTHLY MEETING

Two Applications Accepted

A meeting of the TECH NEWS Association was held on Monday afternoon, January 14, at 4:15 p. m. The applications of Albert Palm, '31, and Louis Greene, '32, were accepted, and both were admitted into the association as reporters.

At the meeting a rule was suggested which has to do with the awarding of pins to the reporters. As stated, it read that in order to receive a pin after becoming a reporter it is necessary to write at least sixty additional inches, which will have to be passed in to the Association in the form of an application.

Plans were also furthered as regards the annual trip for the TECH NEWS Staff. It was definitely decided that the trip would be to Boston, and would not be held until sometime after the opening of the second term.

DR. DUFF SPEAKS TO FRESHMEN

Head of Dep't Outlines General Science Course

In the second of a series of Orientation Lectures given for the benefit of the members of the Freshman Class, Dr. A. Wilmar Duff spoke on the subject of "General Science as a Course at the Institute." This talk was not only interesting and instructive, but it was also characteristic of Dr. Duff's pleasing personality which has brought him so close in esteem to all Tech men during his thirty years of service on the "Hill." The following is a brief summary of his address.

"Orientation," literally speaking, means the finding of direction. Failures often come from the lack of orientation in early life, while on the other hand success depends largely upon one's finding his natural abilities and applying them with his efforts in the right direction. How many people are engaged in occupations for which they are not fitted? The highest objective in life is the attaining of satisfaction from enthusiastic work and accomplishment, and to achieve this objective one must work in the channels of his own abilities, which should have been discovered by early orientation.

"General Science, as the term is used today, denotes a form of engineering of a general or inclusive sense, rather than a specific sense. The first two years in the General Science Course is usually taken up in acquiring a broad knowledge of subjects common to all types of engineering. In the remain-

(Continued on Page 2, Col. 3)

ONE-HALF OF STUDENT BODY DRIVE CARS IN CITY

Two-thirds Have Driving Licences

As a result of the recent questionnaire sent to the students of W. P. I., it has been found that about two-thirds of the undergraduate body have licenses to operate a machine in Massachusetts. These results are based, however, on the returns of the two-thirds of the student body which returned the questionnaires. The questions asked were as follows: 1. Have you a Massachusetts driver's license? 2. Do you operate a car in Worcester? 3. If so, do you operate your own car, a car belonging to your family or as chauffeur for someone else? 4. If you have a car of your own, what is the make and year? Do you depend upon a car for transportation to and from the campus?

From the census it was found that one-half of the student body operate cars in Worcester while fifteen percent own their own machine. One point which magnifies the modern tendency to ride rather than walk is the fact that one-half of those who operate machines, or one-quarter of the undergraduates, depend on a car for transportation to and from the campus.

There are several men who operate as chauffeurs as well as driving a family car, or one of their own. The record shows that one-quarter of those who operate in the city are chauffeurs, nearly seven-eighths drive the family car and one-third drive a car of their own.

Ford is the standard-bearer with thirty-one out of fifty-nine student-owned machines. Three Fords are of unknown birthdate, one 1916, one 1917.

(Continued on Page 2, Col. 4)

CALENDAR

TUESDAY, JAN. 22—
9:50-10:00 a. m.—Chapel Service.
Prof. H. F. Taylor.
5:00 p. m.—Interfraternity basketball, T. C. vs. A. T. O., P. S. K. vs. T. U. O.
WEDNESDAY, JAN. 23—
9:50-10:00 a. m.—Chapel Service.
Mr. Paul Swan.
5:00 p. m.—Interfraternity basketball, L. C. A. vs. S. O. P., S. A. E. vs. P. G. D.
THURSDAY, JAN. 24—
9:50-10:00 a. m.—Chapel Service.
Prof. Z. W. Coombs.
5:00 p. m.—Interfraternity basketball, T. U. O. vs. A. T. O., P. S. K. vs. T. C.
8:00 p. m.—Varsity basketball, W. P. I. vs. M. A. C. at Amherst.
FRIDAY, JAN. 25—
9:50-10:00 a. m.—Chapel Service.
Prof. H. F. Fairfield.
5:00 p. m.—Interfraternity basketball, T. C. vs. T. U. O.
SATURDAY, JAN. 26—
3:00 p. m.—Swimming Meet, W. P. I. vs. Williams at Williams town.
MONDAY, JAN. 28—
Mid-year Exams.

TECH HOOPSTERS WIN FROM TRINITY BY SCORE OF 29-27

Both Teams Play Fast and Thrilling Game Up To Final Gun—Tech Scores on Free Tries

NEWMAN CLUB DANCE TO BE HELD IN DORMITORY

Bancroft Orchestra is to Play

The Newman Club Dance is being held at a very opportune time this year, for those who have failed in their final examinations can dance to the rhythmic tunes of Hughie Connor's Bancroft orchestra and forget their cares, while those who have been more successful with their mid-years can take this opportunity to celebrate their success. This pre-Lenten affair is to take place February 11.

W. P. I. dance lovers are very fortunate to have this splendid orchestra play for them and the excellent floor of Sanford Riley Hall will furnish a worthy setting for such an affair. Hughie Connor has played for two previous Newman Club dances and for the Musical Club's dance of last year and the success of these occasions was largely due to his excellent music. Dancing will be from eight-thirty until one o'clock, and the price of admission will be three dollars.

D. F. O'Grady, '30, is chairman of the committee.

A. I. E. E. SHOWS "VISIBLE SOUND"

Photophone is Demonstrated by Mr. J. B. Taylor

A demonstrated lecture, "Making Sound Visible and Light Audible," delivered by Mr. John B. Taylor of the General Electric Co., was enjoyed by a large group of Tech students and members of the Worcester County section of the A. I. E. E. in the E. E. building lecture room last Tuesday at 8:15 o'clock.

The feature of the lecture was a demonstration of the transmitting of music through the medium of a ray of light. The apparatus as set up involved a photophone which, as Mr. Taylor termed it, "narrow cast" a ray of light which was controlled by the vibrations produced by playing a record on a Victrola. When this ray of light was focused on the lens of a receiving instrument hooked up with the electric pickup unit on an electroa the music of the record was made audible. Of course any opaque object which would interrupt the beam of light would cause the music to cease.

Mr. Taylor then demonstrated how other kinds of light were made audible by this means. The illumination produced by lighted matches and flashlights were made audible in a similar way.

Mr. Taylor was aided in his lecture by a number of lantern slides show-

(Continued on Page 2, Col. 5)

COTTON AND ASP STAR FOR TECH WHILE SLOSSBERG, BISSEL AND FLEMING HEAD TRINITY TEAM

The W. P. I. basketball quintet successfully checked its losing streak and won its first victory in five attempts by handing Trinity a 29-27 setback on the Alumni Gymnasium floor, last Saturday evening, January 19.

As the score indicates, the contest was a thrilling one from the first whistle until the final and it was impossible to predict the outcome of the game until the closing gun had been sounded. Both teams displayed some fine teamwork, both defensively and offensively and both played an even game as far as floor goals were concerned, but the Engineers showed a little greater ability in converting their free tries into points.

Captain Graham began at center and although he was shorter than his opponent, he repeatedly got the tap. Just before the first half ended, Graham's injured knee, in spite of its steel brace, was thrown out of joint and he was forced to retire from the battle. Babbitt filled this vacancy and performed very well during the remainder of the game.

Cotton played a whirlwind game in the first half, chalking up eight points. However, he was held scoreless in the

(Continued on Page 4, Col. 1)

SKEP. CHYMISTS MEET IN SALISBURY BUILDING

Several Students Give Addresses

The Skeptical Chymists Society held its regular monthly meeting last Tuesday evening, January 15, and the usual program of student addresses took place.

The first talk was given by Allen Ashton on the subject of "Radicals, Past and Present." This article dealt with the research work carried on in attempts to isolate chemical radicals. In his talk the speaker cited several of the experiments of great researchers such as Gay Lussac, who did a great deal of work in this branch of chemistry. Dr. Butler gave a rather lengthy addition to this topic.

David Kiley then spoke on "Carbonyl," a new tool material. Tungsten, carbide, an extremely hard but brittle material, combined with cobalt, a tough and strong metal, produces the hardest cutting material yet developed in a research laboratory. Dr. S. L. Hoyt of the Research Laboratory of the General Electric Company announced the discovery of this substance and he proved its hardness very strikingly by means of tests with iron and steel and various special materials. It is very probable that this new cutting tool will replace the diamond-tipped drill.

(Continued on Page 2, Col. 2)

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A WORD FROM PREXY!

There are always many, very many ways, of showing what stuff we are made of; whether we be thoroughbreds or otherwise real gentlemen or only veneered. Similarly there are many ways of expressing in words those desirable traits of character which are shown in actions. Two homely couplets occur to me:—"Tis easy enough to be pleasant, when life goes by like a song; but the man worth while, is the man who can smile, when everything goes dead wrong"; and from Kipling's "If", a little line; "If you can meet with Triumph and Disaster, and treat those two imposters just the same; * * * Yours is the Earth and everything that's in it, And—which is more—you'll be a man, my son!" Now, none of us care to be anything but men—individually, surely—and also for our college's sake, collectively. That being so, we must have some regrets when we recall our 'boos' at the basketball game with Northeastern. Losing, instead of cheering on our splendid team, who were playing a great game not a bit discouraged because theirs was the small score, we "booed" at referee's decisions, at the stalling tactics of the winners, and so on. It's not good to remember all this, yet it is well to recall it, if we are to decide ever in the future to be good sports, thoroughbreds to the core; to treat our guests with every courtesy, and always to smile as we do our level best whether winning or losing. Gentlemen, let's do this!

WHAT COLLEGE OFFERS

To be at home in all lands and ages; to count nature a familiar acquaintance and art an intimate friend; to gain a standard for the appreciation of other men's work and the criticism of your own; to carry in your pocket the keys of the world's library and feel its resources behind you in whatever task you undertake; to make hosts of friends among the men of your own age who are to be leaders in all walks of life; to lose yourself in generous enthusiasms and co-operate with others for common ends; to learn manners from students who are gentlemen and form character under professors who are Christians—this is the offer of the college for the best four years of your life.

WILLIAM DEWITT HYDE,
Bowdoin College.

COSMOPOLITAN CLUB

A regular meeting of the Cosmopolitan Club was held in the lounge room of the Dormitory last Wednesday evening at which Mr. Athanasides, a student resident of Greece, spoke. The talk was interesting and educational from an economical view-point. A fairly large group attended.

Mr. Athanasides dealt in a rather general and impressionistic way with the economic situation, the political situation, the educational systems, and the question of the ever-increasing percentage of refugees to his country. He mentioned the Y. M. C. A. and the active part of work that it took in creating and raising the Christian standards of living in his country.

Speaking of the educational system from his point of view, Mr. Athanasides remarked that the universities in his country are so few that many of the students who want a higher education find it necessary to go to a foreign country to obtain it; that work

is scarce there, and hence only the fairly well-to-do sons have the opportunity to be educated in higher institutions of learning; and finally that students are privileged wherever they go.

Now concerning the refugees who come from Asia Minor chiefly, the speaker says that that is the important and vital question that must be settled shortly. The government must soon find a way to dispose of the numberless flock that enter the country.

Some places of interest were spoken of during the course of the informal speech of Mr. Athanasides, places which interested the technical student and places which interested the tourist. An informal discussion was held after the talk, after which the meeting adjourned. Mr. Luther Chin, presided at the meeting.

Mr. Athanasides was educated in Rhodes Island, Greece, before he came to study here in this country. Rhodes Island is in a peculiar situation, and is now under Italian control.

WIRELESS STATION JOINS NAVY RESERVE

Tech Men Take Active Part

The W. P. I. Radio Club station IVK has just been admitted into the United States Volunteer Communications Reserve, and last week the operators at the local station took part in the first radio drill conducted by the Navy. The Reserve was recently organized by the U. S. Navy Department for the purpose of training radio operators all over the country in Navy methods of operation and procedure. The radio drills take place every week from the Naval Station in Boston and usually consist of actual communication of the member stations with the central station and of practice in the efficient handling of messages. Instruction is given also in Communication Tactics.

Some of the radio operators on the Hill who are members of the Reserve are C. T. Smith, who holds the rank of First Class Radioman, and Russell Libbey and William Kenyon, both of whom are Second Class Radiomen. The classes in code practice begun last Fall have been progressing well, and some of the men already are beginning to apply for Radio Operators' licenses. Professor Newell of the Electrical Engineering Department is conducting a class in Radio Theory for the benefit of members of the club and those who expect to take the government examinations for a Radio Operator's license.

DR. DUFF SPEAKS TO FROSH

(Continued from Page 1, Col. 2)

ing two or three years, as the case may be, the student elects consistently subjects from any department of the Institute, on which he conducts extensive experimental and research work.

"From the beginning of time, man's oldest instinct has been that of curiosity, and his oldest element is the art of making tools. The physicist possesses much scientific curiosity, which characteristic leads him to discover such things as helium, argon, neon and the television, all of which have recently been presented to the public. The television, because it is still unperfected holds many possibilities for the future physicist. Were it not for this scientific curiosity which fortunately exists, these discoveries might not have been made. This group of scientists is interested only in satisfying its curiosity: as for example, why is the nitrogen in air heavier than that taken from compounds containing nitrogen? Or why does the needle of an indicating instrument connected to a wire "jump" when placed near a wire carrying heavy current? When the discovery is made, the physicist is through, and the job of practically applying these discoveries falls into the hands of the engineer, who in turn makes incandescent lamps filled with the argon discovered by the physicist, and who constructs huge dynamos on the principle discovered by the same source. Thus two groups of scientists, the physicist and the engineer, are responsible for the progress made in the industrial world, each important to the other."

The course in General Science is well adapted to the teaching profession, and those whose ambition is to become a teacher should take this course. Dr. Duff will be glad to talk with those who are considering the General Science course, and is ready at any time to lend assistance wherever it is needed.

NEW RIFLES OBTAINED

(Continued from Page 1, Col. 1)

pete in these matches, upperclassmen who shoot fairly well, have a chance in making a place on the team, if they can improve their shooting within the next few weeks, thereby proving their worth to the team. All club members are urged to turn out for practice at the ranges.

DORMITORY DANCE TO BE HELD FEBRUARY 21

Eddie Murphy to Furnish Music

Tickets are now on sale for the annual Dormitory Dance to be held Thursday evening, February 21, in the Commons room of Sanford Riley Hall. Eddie Murphy's popular Bohemians will furnish music for the dance which is to last from nine until two and which will be informal. The tickets are limited to one hundred in number so that there will be ample room, and the admission is to be two dollars per couple.

The Dormitory committee with L. H. Poeton, '31, as its chairman, is in charge of the dance. Tickets can be obtained from any member of the dormitory committee or from the store at the dormitory. The entire committee consists of L. H. Poeton, chairman, A. B. Belcher, E. W. Foster, C. C. Wilson, S. G. Pulson, I. H. Porteus, F. A. Bartlett, D. Rice and G. B. Emerson.

STUDENTS DRIVE CARS

(Continued from Page 1, Col. 3)

and from one to seven having been manufactured each year from 1922 to 1928. Chevrolet and Dodge are second in the ranks of popularity with four each. The four Chevrolets are 1927 models while the Dodges are, one 1921, two 1923 and one 1929. There are two Reos, 1917 and 1922, two Buicks, 1924 and 1925, and two Packards, 1923 and 1926. The remainder of the list gives one of each of the following: Chrysler 1928, Durant 1922, Essex 1926, Graham-Paige 1928, Jewett 1924, Marmon 1919, Nash 1929, Oakland 1927, Overland 1923, Paige 1922, Pontiac 1928, Stude-

FISHER IS AUTHOR

Earl L. Fisher, W. P. I., '15, a member of the technical staff of the Bell Telephone Laboratories, was the author of an article in the December number of the Bell Laboratories Record on the subject of "Coil Corrosion." He gave a resume of the efforts which have been made to prevent corrosion in telephone coils where fine gauges of enamel wire are used. Atmosphere moisture is kept from the wire by a highly moisture-proofed insulator wrapped between the coil winding and cotton serving.

CHEMISTS HOLD MEETING

(Continued from Page 1, Col. 5)

The concluding address was given by Einar Carlson. It concerned the determination of nickel in various compounds. Dr. Butler also gave additions on this subject.

After the meeting refreshments were served and it was announced that at the next meeting election of officers would take place.

MAKING SOUND VISIBLE

(Continued from Page 1, Col. 5)

ing records of sounds and light. The lecture also traced the development of modern devices for recording and reproducing sound.

The student branch of the A. I. E. E. was instrumental in supplying some of the equipment used in the lecture.

The Tech branch announces its next meeting as Feb. 13 when it will present a demonstration lecture on the principles of television.

baker 1925, Whippet 1928, and Willys-Knight 1924.

T. C. WINS FROM S. A. E. BY 23-19

Interfraternity Games to be Finished This Week

The second week of interfraternity basketball is over now and some hard playing and close games resulted. All teams have shown a keen enthusiasm in the games and there has been a large attendance every night.

Monday, January 14

In the first game T. C. defeated S. A. E. in a close contest by a score of 23-19. Each team showed bits of flash at times, but T. C. had just a little more at the finish to win.

In the second game P. S. K. had a comparatively easy time in defeating P. G. D. by the one-sided score of 34-1. The winners ran up a large score in the first half and P. G. D. was unable to pass through the defense to tally.

Tuesday, January 15

A. T. O. won from L. C. A. in the first game by a score of 24-13. Neither side was very fast or showed much snap but A. T. O. had a little more team work and a better eye for the basket.

The second game was between T. U. O. and S. O. P., the former team winning 24-6. The winners had a fairly easy time and at no instance were they in danger. S. O. P. was forced to take long shots, for they were unable to get through the latter's defense.

Wednesday, January 16

The first contest was a snappy affair between T. C. and P. G. D., the former winning 13-11. Each team fought for the ball and put up a stubborn defense. In this game P. G. D. showed its best playing and forced their rivals to the utmost.

Another fast game was put on by P. S. K. and S. A. E. and it was not until the final whistle had blown and the scrapping stopped that the former finally won 29-11. Both sides showed good team play but the losers lost many points by failing to sink fairly simple shots.

Thursday, January 17

L. C. A. overwhelmed P. G. D. 30-1 in the first game. The losers could not pass through the former defense and were forced to take long shots. L. C. A. played their best game so far and showed improvement in shooting and team play.

S. A. E. finally defeated S. O. P. 20-15 by some clever shooting and fast passing in the last few minutes of the game. Behind 8-10 at the half, they collected twelve points and held their opponents down to seven. It was a good game to watch and neither team was never very much in the lead.

The games scheduled for Friday between P. S. K. and A. T. O. and between T. C. and T. U. O. were postponed on account of the trip of the Senior Mechanics to Boston.

ALUMNUS DIES

It has been learned recently that Joseph W. Legg, '15, has died in Pittsburgh, Pa., after a short attack of the influenza. He was an outstanding member of his class and graduated with distinction. Since graduation he has been connected with the Westinghouse Electric Company, where he has won national distinction by his inventions. One of these inventions which has brought him world fame is an instrument with which deaf people are enabled to see sound waves which they can interpret into words. Mr. Legg was one of the most distinguished of Tech's younger graduates.

It has been noticed that there are several improvements about the buildings, among them is the tiling on the main corridor in Boynton Hall. The tiling and expense of installation was donated by Mr. George F. Fuller, a trustee and president of the Wyman-Gordon Company.

SIX MEN ARE SELECTED FOR INDOOR RELAY TEAM

Team is to Race in B. A. A. Meet

The first set of time trials for the selection of the indoor relay team to represent Tech in the B. A. A. meet which is to be held in Boston on Feb. 2, were staged in the Alumni gym last Thursday. Eight men took the tests and the best six were chosen to make up the team. Trials will be held from time to time and anyone decreasing his time sufficiently will be admitted to the team. The following men were placed on the team after the trials of Thursday last: Mace, Leamy, Rice, Townsend, Smith and Granger.

The results of the trials are:

Mace	63 1
Leamy	64 1
Rice	64 4
Townsend	65 1
Granger	65 2
Petrie	65 4
South	66 3
Josephs	67 1

Bickford, '32, ran four laps in 53 flat, while Wardle, '32, ran 300 yards for a time of 40 1.

TECH TRIMS B. U. TEAM

(Continued from Page 1, Col. 1)

In the 100-yard dash Joe led the field home in the slow time of 1 min. 2 3-5 seconds. In this event Holcombe placed a close second.

Johnny Osipowich and Jack Tinker easily outclassed Houston of B. U. in the 440-yard event. The close competition between the two Tech men furnished the onlookers with one of the few thrills of the afternoon.

In the next event, the diving, Joe Tawter exhibited his required and optional dives in fine form and won first honors for Tech. Fish, the second Tech entry, showed a vast improvement over his exhibition of last week against Bowdoin, and added three additional points to Tech's score by virtue of a second place in diving. Smith of B. U. placed third in the estimation of the judges.

The Boynton Hill back-stroke men, Fritz and Driscoll vied with one another to ascertain to whom the honor of first place should go, with the former achieving it. Fraser, of the opponents, was approximately half a length to the rear of the winner.

Captain Carl Larson, with his defeat of last week in mind, was determined that the 200-yard breast stroke should be added to the Engineer's score, and it was. Emerson of Tech and Bannister of B. U. placed second and third respectively.

The final event, the relay, was won for Tech by Holcombe, Tinker, Osipowich and Rogers.

In the evening, Osipowich, Tinker, Holcombe, Rogers and Tawter participated in a meet held in the pool of the Whitinsville Community Club.

Summary:

40-yard dash, won by Holcombe, W. P. I.; 2d, Rogers, W. P. I.; 3d, Carnie, B. U. Time, 20 secs.

440-yard dash, won by Osipowich, W. P. I.; 2d, Tinker, W. P. I.; 3d, Houston, B. U. Time, 5:50 3-4 secs.

150-yard back stroke, won by Fritz, W. P. I.; 2d, Driscoll, W. P. I.; 3d, Fraser, B. U. Time, 2:3 1-5 secs.

100-yard free style, won by Rogers, W. P. I.; 2d, Driscoll, W. P. I.; 3d, Fraser, B. U. Time, 1:2 3-5 secs.

200-yard breast stroke event, won by Larson, W. P. I.; 2d, Emerson, W. P. I.; 3d, Bannister, B. U. Time, 2:54 2-5 secs.

Fancy diving, won by Tawter, W. P. I.; 2d, Fish, W. P. I.; 3d, Smith, B. U. 460-yard relay event, won by W. P. I. (Holcombe, Tinker, Osipowich, Rogers). Time, 1:27 2-5 secs.

Officials: Starter, Frank Ryan, Boys' Club; timers, Crowley, Dowling and Carpenter. Judges for the diving, Crowley, Downing and Ryan.

R. I. DEFEATS TECH QUINTET

Late Comeback by Tech Fails to Even Score

The inability to function as a unit that has attended the efforts of the Tech basketball team to win on a foreign floor the past few years continued to manifest itself when the team journeyed to Kingston for the Rhode Island game last Wednesday night. Against a team that combined a fast passing attack with good shooting and a strong defense, Tech went to pieces and put up a very poor exhibition. Rhode Island was easily the superior in an uninteresting contest that dragged at times and finally ended with the score 29-16 in Rhode Island's favor.

Ackroyd, the Rhode Island center, opened the scoring with a nice set shot that Graham followed with a point from a free-try. Then Epstein, Rhode

Island left forward, started to pop them in from all angles and positions. This specialty was a one hand toss that scored with astonishing accuracy. His work throughout the game was generally good, excelling on defense and with his fine floor work, as well as in scoring. Tech could not seem to get any sort of an offensive going and wasted many opportunities when the team had the ball. With the score 20-3 Tech improved slightly and as the half ended it was 20-7.

The substantial lead that the regulars had rung up gave Coach Heeney an opportunity to experiment with a number of substitutes in the second period. The second string men held Tech to nine points while they in turn scored nine. It was not such a close defensive game as the score would seem to indicate since both teams were unable to capitalize their chances to score. Tech was even more guilty than Rhode Island in this respect as time after time bad passes and poor shooting would ruin otherwise good work. Ackroyd, Magoun and Epstein excelled for Rhode Island while Asp and Graham tallied the greater part of Tech's points.

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TECH HOOPSTERS WIN FROM TRINITY

(Continued from Page 1, Col. 5)

second canto. Dennison played a good game, but he was unable to make his shots count. Asp fought his usual hard game and his seven points together with his excellent defensive work went a long way towards Tech's victory. Downing made a fine debut on the home court and he surely showed that he was capable of some fast handling of the ball. He rang up two points.

Slossberg, left forward for Trinity, headed the scoring list with nine points. Bissell and Fleming were two great factors in keeping Trinity in the run. The former accounted for seven points and the latter six.

The fray started off with some fast playing. Cotton placed W. P. I. on the scoreboard with a free try. He followed immediately with a neat floor goal from the extreme right hand corner before the Trinity defense could get into position. The fast clip slowed up a bit, and Bissell took a long shot from nearly the center of the floor. A swish of the net indicated two points. Again Trinity worked the ball up the floor and took a shot, but it fell harmlessly off the backboard and was grasped by Downing who flipped it to Graham. Bill carried it half way down the floor and then shot it to Cotton, who in turn shoved it through the basket. For some time neither team scored as the ball travelled up and down the floor, each team working its way up to a scoring position and then losing the ball.

Downing broke the suspense when he broke through the defense, received a long pass and pushed the leather through the net. With the score 7-2, the Engineers held a fairly comfortable lead, but the stocky left forward on the visiting team evened matters up by sinking two goals. Graham was fouled as he made a basket from under the hoop and he turned the resulting two free tries into as many points.

A short winded rally began for Trinity with a free try by Bissell. Two baskets followed and once more the two teams were neck and neck. Cotton began the fireworks again by dribbling through the defense and making a spectacular one hand heave from the foul line. Graham was injured in the scrimmage and he had to be helped from the floor. Babbitt was substituted and Cotton and Dennison made a free try apiece as the half ended with W. P. I. on the heavy end of a 16-13 count.

Graham brought a sigh of relief from the fans as he came out on the floor to warm up with the team before the second half, but when the teams lined up to renew the battle, Bill was on the bench still suffering from his injured knee.

Trinity began the point-getting when Fleming looped one from his corner and was immediately followed by two by Bissell. Babbitt came through at this critical moment with two goals. Asp backed him up with another. Asp repeated the operation, and after Nye had made a free try, Babbitt took a pass from Asp on the offside and shoved the ball through the basket. A foul and a goal by the opposing five evened things up once more. After a short time out, Asp received a pass from Babbitt and it resulted in two more tallies for Tech. Just before the game ended Babbitt was charged with delaying the game and the captain of Trinity made the free try.

WORCESTER TECH—29

Asp, lf	3	1	7
Downing, rf	1	0	2
Graham, c	1	3	5
Babbitt, c	3	0	6
Cotton, lg	3	2	8
Dennison, rg	0	1	1
Totals	11	7	29

TRINITY—27

Bissell, rg	3	1	7
Desch'ps, lg	0	2	2
Nye, c	1	1	3
Fleming, rf	3	0	6
Slossberg, lf	4	1	9
Totals	11	5	27

Substitutions: Rice for Dennison, Glynn for Nye. Referee, Parker. Timer, J. E. Gill. Time, two 20 minute periods.

ALUMNI NOTES

John D. Curtis, W. P. I., one of the first to obtain a degree at Worcester Tech, died at his home last Wednesday night at the age of seventy-eight years. He is well known as an industrial figure in this city having been connected with the Washburn & Moen Manufacturing Co. and later with its successor, the American Steel & Wire Co.

Mr. Curtis was born in the old Curtis homestead on Lincoln street, here in Worcester, June 12, 1850, the son of Tyler P. Curtis. He attended the Leicester Academy in preparation for Tech and on graduating from the Institute was employed by an uncle who was developing salt marshes in Nevada at the time.

He returned East in a few years and entered the Washburn & Moen Mfg. Co. as overseer of its most important department at that time, the barbed wire department. He was later promoted to superintendent of the Quinsigamond works, and when the American Steel & Wire Co. established itself here after purchasing the Washburn &

Moen Co., became superintendent of the Worcester works.

He left in 1902 to become vice-president and treasurer of the Richardson Mfg. Co., engaged in making agricultural implements and after some years, after its dissolving, Mr. Curtis became associated with the Leominster Novelty Co. of Leominster, where he remained until his death.

H. P. Davis, W. P. I., '90, is listed on the board of directors of Radio-Keith Orpheum corporation which was recently announced. This group is headed by David Sarnoff and includes such men as Owen D. Young, Gerald Swope and James G. Harbord.

The Byrd expedition is taking as part of its equipment the Osiso, a camera-size oscillograph invented by the late Joseph W. Legg, W. P. I., '15, a Westinghouse engineer. With this instrument it is expected to obtain information concerning the mysterious "dead areas," and possibly find means for eliminating these places where signals of radio stations will not penetrate or can only penetrate feebly.

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